- 1. OLEYNIK, V.I.
- 2. USSR (600)

. 2 \$

- 4. Agriculture
- Collective farm with high crop yeilds, Dost.scl'khoz. no. 5, 1953.

9. Monthly List of Russian Accessions, Library of Congress, APRIL 1953. Unclassified.

### OLEYNIK, V.

Economic effectiveness of feeding sugar-best pulp. Miss. ind. SSSR 30 no.1:31-33 '59. (MIRA 12:4)

1. Nauchno-issledovatel'skiy institut zhivotnovodstva lesostepi i poles'ya USSR. (Cattle-Feeding and feeding stuffs)

KUTIKO, S.I., prof.; OLEYNIK, V.I., nau:hnyy sotrudnik

Effectiveness of raising young cittle for meat in a sugar beet zone. Zhivotnovodstvo 22 no.7:26-33 '60. (MIRA 16:5)

1. Nauchno-issledovatel skiy institut zhivotnovodstva lesostepi

i Poles'ya UkrSSR.

(Ukraine-Beef cattle-Feeding and feeds)
(Sugar beets as feed)

KUTIKOV, S.I., prof.; OLEYNIK, V.I., starshiy nauchnyy sotrudnik

Organization of farms specialized in meat production in the vicinity of sugar refineries. Zhivotnovodstvo 23 no.2:26-32 F '61.

(MIRA 15:11)

1. Nauchno-issledovatel'skiy institut zhivotnovodstva lesostepi

i Peles'ya UkrSSR.

(Bogodukhov District—Beef cattle—Feeding and feeds)
(Sugar manufacture—By-products)

OLEYNIK, V.M.

Overall mechanization of earthwork and the use of excavating machines in the construction of railroads. Makh. stroi. 21 no.3: 7-8 Mr 164. (MIRA 17:3)

1. Upravlyayushchiy trestom Kuzbasstransstroy.

	L 22048-66 FAT(1)/EWT(m)/ETC(f)/EPF(n)-2/EWG m)/EWF(j)/ETC(m)-6 IJP(c) -RM/-
The second	ACC NR. AP6003585(N) SOURCE CODE: UR/0171 /66/010/001/0064/0067  NM/JW AUTHOR: Kuznetsov, N. M.; Oleynik, V. N.
	ORG: Higher Naval Engineering Institute im. F. 1. Dzerzhinskiy, Leningrad (Vyssheye
	voyennomorskoye inzhenernoye uchilishche)  TITLE: Use of the theory of thermodynamic similarity for the generalization of experimental
	data on the heat transfer of boiling organic coolan s.  SOURCE: Inzhenerno-fizicheskiy zhurnal, v. 10, no. 1, 1966, 64-67
	TOPIC TAGS: coolant, heat transfer, thermodyn mic property, heat transfer coefficient
	ABSTRACT: The authors demonstrate how the basic concepts in the theory of thermodynamic similarity may be applied for the generalization of experimental data on the heat transfer of boiling fluids. The following formula is proposed
	$\alpha = 190 \frac{p_{\kappa}^{1/3}}{T_{\kappa}^{9/9}M^{1/9}} \left(\frac{p}{p_{\kappa}}\right)^{0.1} \left[1 + 1,65 \left(\frac{p}{p_{\kappa}}\right)^{1.16}\right] q^{35}. \tag{1}$
	The experimental data of the authors on the boiling of a <u>diphenyl</u> mixture (DPM) and mono- isopropyldiphenyl (MIPD) in a tube and annular dicts of a natural-circulation circuit at pres- sures of 10-8·10 n/m <sup>2</sup> and thermal loads of 50·0 <sup>3</sup> -380·10 n/m <sup>2</sup> were compared with the
	Card 1/2 UDC: 536,248.2 + 536.24

and experimental dat and reasons for the d it possible to calcula which are thermodyn critical parameters and 2 figures.	a in the heat transi- leviation are discus- te the heat transfer	DOM one MIDD	ed that the formung the boiling of	la obtained make organic coolants formation on the
SUB CODE: 11, 20	/ SUBM DATE: 16]	Seb65 / ORIG REI	F: 004	
		经 复数 计图 医红斑		

AP6036432

(N)

SOURCE CODE: UR/0096/66/000/012/0057/0059

AUTHOR: Kuznetsov, N. M. (Doctor of Technical Sciences, Professor); Gleynik, V. N. (Engineer)

ORG: Naval College of Engineering im. Dzer:hinskiy (Vyssheye Voyenno-Korskoye Inzhenornoyo uchilishche)

TITIE: Study of heat transfer during boiling of organic heat carriers

SOURCE: Toploenergetika, no. 12, 1966, 57-19

TOPIC TAGS: heat transfer coefficient, heat carrier, boiling

ABSTRACT: Heat transfer was studied experimentally during boiling of a diphenyl mixture and monoisopropylbiphenyl in a tube and in annular channels with natural circulation, at pressures of  $105-8 \times 105 \text{ n/m}^2$  and thermal loads of  $50 \times 103-470 \times 103 \text{ W/m}^2$ . In the case of the biphenyl mixture, all the experiments showed that the heat transfer coefficient is independent of the relocity of the natural circulation, is proportional to the thermal load, and increases with the pressure. The experimental points are described by the empirical formula  $a = 1.28q^{0.7}p^{0.24}$ . In the case of monoisopropylbiphenyl, the heat transfer coefficient is independent of the circulation velocity and of the geometrical dimensions of the heating surface; as in the case of the biphenyl mixture, it depends only on the thermal load and pressure of

Card 1/2

UDC: 536.24.1.662.987.661.7.001.5

ACC NR: AP6036432

the boiling liquid. It is expressed by the formula  $a=1.23q^{0.7}p^{0.19}$ . Orig. art. has: 4 figures, 1 table and 2 formulas.

SUB CODE: 20/ SUBM DATE: none/ ORIG REF: 007

Cord 2/2

ACC NR: AT7000573

**SOURCE CODE: UR/0000/63/000/0000/0053/0062** 

AUTHOR: Oleynik, V. P.

ORG: none

TITLE: Elimination of one defect in the "Amur" gyrocompass

SOURCE: Vladivostok. Dal'nevostochnyy tekhnicheskiy institut rybnoy promyshlennosti i khozyaystva. Trudy, no. 3, 1963, 53-62

TOPIC TAGS: gyrocompass, inertial guidance, fishing vessel, ship component / /mure

ABSTRACT: Since its introduction in the Far-lastern fishing fleet in 1955 experience has shown that the Amur gyrocompass has the following shortcomings: 1) gyrospheres werrout rapidly, 2) when the gyrocompass is stopped or when the supply voltage decreases rapidly the gyrosphere oscillates around its NS axis, and 3) the presence of errors associated with its construction. It was observed that when the 3-phase 120V power is disconnected (a single wire is broken) from the gyroscope drive or when the supply voltage suddenly drops the gyrosphere begins to oscillate around its NS axis with increasing period and amplitude which decreases from the initial angle of 70°. This gyrosphere oscillation tends to splatter the flotation fluid which may cause premature gyrosphere wearout and may introduce additional errors. These faults were completely eliminated by adding an automatic tripping circuit which removes two power line wires from the gyrocompass drive whenever the power voltage drops suddenly.

Cord 1/2

ACC	NR:	AT70005	7	3	

Before this circuit modification was made the gyrocompass, because its drive mechanism was essentially connected to the vessel power source when the nominal power dropped, tended to supply some of its energy ack to the power source giving rise to erratic behavior. Orig. art. has: 7 figures.

SUB CODE: 17,13/ SUBM DATE: 18May63

Card 2/2

CLEYNIK, V. P.

"Investigation of the Influence of Periodic Oscillations of a Gyrosphere Relative to the 'S Axis on Its Behavior in the Azimuth." Cand Tech Sci, Lening ad Inst of Precision Mechanics and Optics Min Higher Education JSSR, Leningrad, 1954. (KL, No 7, Feb 55)

SO: Sum. No. 631, 26 Aug 55-Survey of Scientific and Technical Dissertations Defended at SSR Higher Educational Institutions (14)

# OLEYNIK, V.P.

Automation of a pumping unit.. Transp. i khran. nefti no.1:17-19
163. (MIRA 16:9)

1. Saratovskoje rayonnoye n Rteprovedneye upravleniye.

SHEVISOV, G.G.; OLEYNIK, V.P.

Using track-laying machinery and proportioning equipment for track repair in tunnels. Put' | put.khoz. 8 no.4:22-23 '64. (MIRA 17:4)

1. Nachal nik Sverdlovskoy distantshi puti (for Oleynik). 2. Glavnyy inzh. putevoy mashirnoy stantsii No.171, Sverdlovsk (for Oleynik).

OLEYNIK, V.P.

For the inhabitants of Novembirsk. Vest. sviezi 25 no.5:23-25 My 165. (MIRA 18:5)

Nachalisik Novosibirskojo pochtamta.

112-57-8-16778D

Translation from: Referativnyy zhu: nal, Elektrotekhnika, 1957, Nr 8, p 120 (USSR)

AUTHOR: Oleynik, V. S.

TITLE: Selection and Investigation of a Single-Phase AC Electric Drive for Mechanized Transportation at Livestock-Breeding Farms (Vybor i issledovaniye elektroprivoda na odnofaznom peremennom toke dlya mekhanizatsii transporta na zhizotnovodcheskikh fermakh)

ABSTRACT: Bibliographic entry on the author's dissertation for the degree of Candidate of Technical Sciences, presented to Ukr. s.-kh. akad. (the Ukranian Academy of Agriculture), Kiyev, 1956.

ASSOCIATION: Ukr. s.-kh. akad. the Ukranian Academy of Agriculture)

Card 1/1

OLEYNIK, Viktor Petrovich; SERKO, G.S., red.; TIKHONOVA, Ye.A., tekhn.

[Brief theory of navigational aids] Kratkaia teoriia elektronavigatsionnykh priborov. Moskva, izd-vo "Morskoi transport," 1961. 105 p.

(MIRA 14:8)

OLEYNIK, V. S.

OLEYNIK, V. S.: "The selection and investigation of electric drive using single-phase DC current for rechanizing transportation on animal-husbandry farms." Min Higher Education USSR. Ukrainian Order of Labor Red Banner Agricultural Academy. Kiev. 1956. (Dissertation for the Degree of Candidate in Technical Science.)

Knizhnaya Letopis' No 32, 1956. Moscow.

OLEYNIK, V.S., inzhener.

Screwdriver voltage indicator. Energetik 4 no.11:31-32 F 56.
(Electric ins.ruments)

OLEYNIK, Viktor Stepanovich [Oliinyk, V.S.], kand.tekhn.nauk; SEMENKO, M.V., red.; HAVCHENKO, M.S., tekhn. red.

[Maintenance and repair of electrical equipment] Tekhnichne obsluhovuvannia i pot chnyi rement elektroobladnannia. Kyiv, Derzhsil'hospvydav URIR, 1960. 71 p. (MIRA 15:7) (Electric machinery—Maintenance and repair)

OLEYNIX, V.S. [Oliinyk, V.S.], kand.tekhn.nauk

New series of asynchronous electric motors. Mekh. sil'. hosp. ll
no.9:23 S '60. (MIRA 13:9)

(Electric motors, Induction)

CHUMAKOV, Yu.I., OLEYNIK, V.S., LEDOVSKIKH, V.M.

2-Methyl-6-ethylpyridine. Metod. poluch. khim. reak. i prepar. no.11:77-79 '64. (MIRA 18:12)

1. Kiyevskiy politekhnicheskiy institut. Submitted April, 1964.

DUDNIK, Prokofiy Yermolaysvich; OLEYNIK, V.T., inzh., retsenzent; PILIPENKO, Yu.P., inzh., red., GORNOSTAYPOLISKAYA, M.S., tekhn. red.

[Burnishing and flattening tools and mandredls] Obrabotki, raskatki i dorny. Moskva, Mashgiz, 1962. 73 p.
(MIRA 15:4)

(Metalworking machinery)

1

GAVRILENKO, N. E.; OLEYNIK, V. V.; LOMAZOV, D. B.

Street Railroads - Dnepropetrovsk

Street car in Dnepropatrovsk which started operating in 1897. Elektrichestvo. No. 2, 1953.

Monthly List of Russian Accessions, Library of Congress, June 1953. Unclassified.

OLEYNIK, YA

AUTHOR: Oleynik, Ya., Engineer.

110-9-9/23

TITLE:

The Technology of Hanufacture of Parts of Press Tools for Stator and Rotor Laminations. (Tekhnologiya izgotovleniya detaley vyreznykh shtampov dlya plastin statorov i rotorov)

PERIODICAL: Vestnik Elektropromyshlennosti, 1957, Vol.28, No.9, pp. 31 - 37 (USSR).

ABSTRACT: The technology of manufacturing press tools for stator and rotor laminations of induction motors has developed because of pressing requirements in Czechoslovakia since the war. Until 1948, press tools for laminations were finished by hand, but such methods required too much skilled labour and did not result in tools of adequate quality. Manufacturing procedures were developed which obviated hand-operation as far as possible, mainly by dividing into two parts the operations of shaping dies and tools for making slots. The tools were manufactured to their approximate dimensions before hardening and finished to size after hardering, mainly by grinding and the machining operations were adapted to relatively unskilled workers. The raw material for the dies consists of prismatic or cylindrical rods of tool steel brand CH-12 containing 12% Cr and 1.9% C; the design of forging tools for making the dies is described. The

The Technology of Manufacture of Parts of Press Tools for Stator and Rotor Laminations.

in Fig. 2, and afte: forging, the dies are hardened and ground to final dimension; by methods which are described. To grind one die for a complicated slot shape takes 12 minutes and the maximum deviation of the main dimensions is 0.01 mm. The succession of manufacturing operations used in making a die for a double slot is given in Table 1. The process of manufacturing female dies is then described and the sequence of operations, 18 in all, shown in Table 2. Methods of inspection for accuracy are described and illustrated in Figs. 5, 6, 7 and 8. In particular, the methods of manufacture achieve great stability of the press tools and their reliability in operation, as a result of selecting the best conditions for machining and also for forging the blanks for the dies. In suitable service, a tool will normally produce 60 000 stampings, after which the average sharpenin; required is 0.05 mm. Further development in the manufacture of press tools will probably be directed to improvements in the manufacture of female dies. There are 8 figures and 2 tables.

ASSOCIATION: MEZ Works, Mchelnice, Czechoslovakia. (Zavod MEZ, Card 2/3 Mogel'nitse Chekhoslovatskaya Respublika)

The Technology of Manufacture of Parts of Press Tools for Stator and

SUBMITTED: June 14, 1957.

AVAILABIE: Library of Congress.

Card 3/3

OLEYNIK, Ya., ingh., lawest Matsional'noy premit.

Using punching dies made of heavy alloys in the electrical industries. Yest. elektroprom. 28 no.11:59-64 H '57. (MIRA 10:12)

1. Zavod Mogel'nitse, Chekhoslovatskaya Respublika.

(Punching wachinery)

Draining of water bearing levels beneath the coal seams in the Korostyshev lign te mines. Ugol' 35 no. 12:22 D '60.

(MIRA 14:1)

(Donets Basin -- Mine drainage)

OLEYNIK

USSR/Human and Animal Physic ogy - The Nervous System.

V-10

Abs Jour

: Ref Zhur - Biol., No 2, 1958, 9071

Author

: I.A. Medyanik, I.A. Medyanik and Ya.V. Oleynik

Inst

Lyoy University

Title

The Role of Protein Sulfhydryl Groups in the Conditioned

Reflex Activity of Animals.

Orig Pub

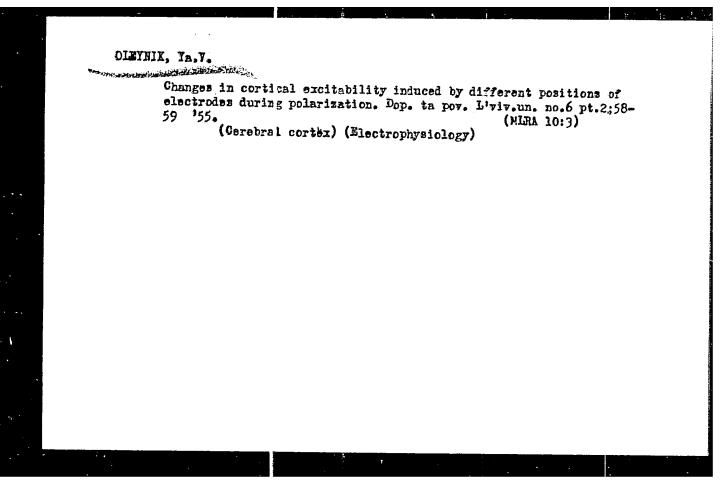
: Dopovidi ta povidomlennya. L'viva'k, un-t, 1955, vip. 6,

ch. 2, 50-52

Abstract

: When 1 ml of a 1% solution of CdCl2 or 5 ml of a 1% solution of FeCl, was given to dogs to block protein sulfhy-dryl groups, there was observed a lengthening of the latent period of conditioned-reflex salivation and a reduction in positive conditioned feeding responses, at times to complete disappearance, with simultaneous reinforcement of differentiation and conditioned inhibition.

Card 1/2



USSR/Human and Animal Physiology - Nervous System.
Metabalism.

7-10

Abs Jour

: Ref Ziur - Biol., No 18, 1953, 84572

Author

: Medyanik, I.A., Oleynik, Ya.V.

Inst

: University of Lvov.

Title

: The Role of SH-Groups in the Development of Cortical Cell

Parab .osis.

Orig Pub

: Dopov di ta povidomlemnya. L'vivs'k. un-t, 1957, vip. 7,

ch. 3, 72-79

Abstract

: Positive symmetric food conditioned reflexes (CR) were developed in dogs. As the cerebral cortex was stimulated by direct current, parabiotic inhibitions were created, which were accompanied by a considerable decrease of CR. Subcutaneous injections of 1-2 ml of a 1 percent cysteine solu-

tion restored CR magnitude to the initial level by

Card 1/3

USSR/Human and Animal Physiology - Nervous System. Metabelism.

T-10

Abs Jnur : Ref Znur - Biol., No 18, 1958, 84572

increasing the activity of SH-groups. When cortical parabiosi: was created as 1-2 ml of a 1 percent CdCl<sub>2</sub> solution (SH-group block) was administered internally, reflexes diministed. As direct descending 1-10 mm current was passed through the cortex every 40-60 minutes, the blocking effect of Cd l<sub>2</sub> was removed and CR increased. Also, when 1-2 of a 1 percent urea solution were administered internally, parabiosis was produced, since this solution assisted in the temsition of SH-groups into -S-S-groups. The urea effect was removed by stimulating the cerebral cortex by direct current anode every 40-50 minutes, and thus a rise of CR was produced. The effect of CdCl<sub>2</sub> strengthened and deepe sed previously developed differentiations and caused a grainal disappearance of food CR. Electric current applied every 30-60 minutes caused increased activity of SH-group; at the same time, differentiations and the

Card 2/3

Card 3/3

OLEYNIK, MEDYANIK, I.A.; OLEYNIK, Ya. V. Effect of constant current on the excitability of the vegetative centers of the brain. Fiziol.zhur. 43 no.5:400-403 My 157. (MIRA 10:12) 1. Kafedra fiziologii cheloveka i zhivotnykh Gosudarstvennogo universiteta im. Iv. Franko, L'vov. (SALIVATION, physiology, e'f. of stimulation of autonomic centers of brain with constant current (Rus)) (BRAIN, physiology, e'f. of constant current stimulation of autonomic centers or salivation (Rus)) (AUT HOMIC HERVOUS SYSTEM, physiology, ef. of constant current stimulation of cerebral autonomic conters on salivation (Rus)) (RIE:TRICITY, effects, constant current stimulation of cerebral autonomic centers on salivation (Rus))

OLEYNIK ULV.

MEDYANIK, I.A. [Medianyk, I.A.]; OLIYNIK, Ya.V.[Oleinyk, IA.V.]

Phasic variations in the excitability of the cerebral cortex due to the action of a continous uninterpittent current. Biol. zbir. no.6:54-96 '58. (MIRA 12:7)

(CERRIRAL CORTEX) (ELECTROPHYSIOLOGY)

OLEYNIK, YA. V., CAND BIO SCI, "VARIATION IN THE ACTIVITY OF SYMPETRICAL MEMBERS OF THE APPENAL CORTEX UNDER ACTION OF VINITUAL LIST CURRENT." L'VOV, 1961. (MIN ACR USSR. L'VOV ZOOVET INST). (KL-DV, 11-61, 215).

141982

27 1120

S/858/62/000/001/004/013 D296/D307

AUTHORS:

Aksenova, G. V., Zrada, O. S., Krugovaya, G. N., Oleynik, Ya. V., Starostyuk, A. K., Cherkashchenko, L. N. and Chernogalova, A. G.

TITLE:

The influence of radiation upon the phosphorous content and its metabolism in the brain

SOURCE:

L'vov. Universytet. Problemna lyaboratoriya radiobiolohiyi. Biologicheskoye deystviye radiatsii, no. 1, 1962, 30-34

TEXT: Frogs were exposed to total body irradiation of 200r (at 10r/min) from a distance of 16 cm. The brains were then investigated 2 hrs, and 2, 5, 7 and 11 days after exposure. 4 hours before decapitation 0.5 ml of aq. NaH<sub>2</sub>P<sup>32</sup>O<sub>4</sub> of a dosage of 25 µc per 100 g weight, was administered by intraperitonal injection. The amount of acid-soluble P and its metabolism, the phospholipids and the protein P of the brain were then investigated. Two hours after ex-Card 1/3

The influence of radiation ...

S/858/62/000/001/004/013 D296/D307

posure, the total P-content in the acid-soluble fraction increased by 12.8% as compared with the control animals. The inorganic Pcontent increased by 11%, the total protein P by 21%, and the content of phospholipils decreased by 23.7%. These changes were even more marked after 2 days, when the total acid-soluble P fraction increased by 27.1%, out of which the inorganic P increased by 31%, the total protein P by 27.8% and the phospholipid content decreased by 42%. Six days after exposure, the total acid-soluble P fractions had increased up to 46.2% and the inorganic P-content by 87%. At the same time, however, the phospholipid content decreased by 23% and the content of protein P by 18%. Seven days after exposure the total acid-soluble 'fraction increased by 50% but the total quantity of inorganic phosphate increased by 11.1% compared with the control animals. The phospholipid content was still decreased by 33% and the total protein P by 30%. 11 days after exposure, the total acid-soluble l' fraction was still increased by 45% out of which the inorganic P exceeded the values found in the control animals by 36%, the content of the phospholipids was again increased by

Card 2/3

The influence of radiation ...

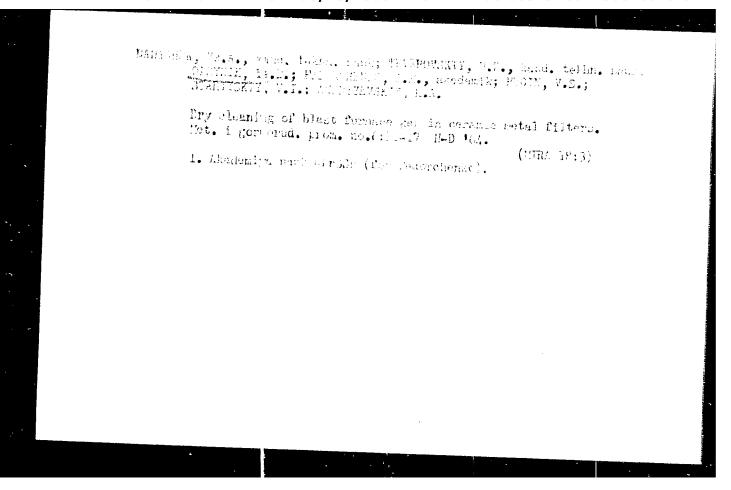
5/858/62/000/001/004/013 D296/D307

37% and the content of the total protein P decreased by 39%. Thus the acid-soluble P traction remained increased throughout the experiment, but the charges in protein P and phospholipids moved in level a decrease could be observed, whilst the phospholipids howed an increase. Two hours after exposure, the rate of metabolism, as estimated by the relative specific activity of the fractions, showed changes parallel to those in the P content. After 2 indicated a slowing lown of the phosphate metabolism which reverted to its normal level after 8 - 12 days. There are 2 tables.

ASSOCIATION: Kafedr: fiziologii cheloveka i zhivotnykh L'vovskogo universiteta (Department of Human and Animal Physiology, l'vov University)

Card 3/3

## "APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001238010015-0



Cleaning heating surfaces of waste-heat boilers. Stal' 16 no.2: 174-176 F'5i. (MLRA 9:5)

1. Zavod imeni Dzerzhinskogo. (Open hearth process) (Heat regenerators)

#### "APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001238010015-0

OLEYNIK, Ye. D

137-1957-12-23263 :

Translation from: R:ferativnyy zhurnal, Metallurgiya, 1957, Nr 12, p 59 (USSR)

AUTHOR: Oleynik Ye. D.

TITLE: Operational Experience With the KU-60 Recovery Boilers at the Dzerzhi iskiy Plant (Opyt ekspluatatsii kotlov-utilizatorov KU-60

na zavote im. Dzerzhinskogo)

PERIODICAL: V sb.: Kotly-utilizatory martenovsk. pechey. Moscow.

Meta lurgizdat, 1957, pp 90-95

ABSTRACT: The I.U-60 recovery boilers (RB) were installed with open-hearth

furnaces of 185 t capacity and operated on a mixture of coke-gas and blas furnace gas. At the RB inlet the amount of flue gases varies b:tween 43 and 52,000 nm<sup>3</sup>/hr, and their temperature fluctuates between 450 and 5500. The boiler steam presoure is 9-13 atn (gauge), the temperature of the superheated steam, 200-3200. The average steam-generating capacity of the RB varies from 5

to 8.2 t/hr. Between 237 and 397 kg of steam are obtained per ton of steel. The amount of heat utilized by the RB is approximately 23 percent of the total heat introduced into the furnace. The initial expenses are recovered within 2.0 - 2.5 years. One

Card 1/1 ton of stram costs 7.54 - 11.53 rubles.

1. Boilers-Operation

#### "APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001238010015-0

OLEYNIK, YO.D.

137-1957 12-23268

Translation from: Referativnyy zhurnal, Metallurgiya, 1957, Nr 12, p 59 (USSR)

AUTHOR:

Oleynik, Ye. D.

TITLE:

The Removal of Charge Dust From the Heating Surfaces of the Recovery Boilers (Ochistka poverkhnostey nagreva kotlovutilizatorov ot zagryazneniya shikhtovym unosom)

PERIODICAL:

V sb.: Kotly-utilizatory martenovsk. pechey. Moscow, Metallu gizdat, 1957, pp 96-103

ABSTRACT:

The following methods are employed by metallurgical plants for the renioval of the charge dust from the heating surfaces: 1) Washing with water once a day by means of a special washing apparatus installed between the coil-sections; this procedure requires 2(-30 minutes; the operation of the boiler is interrupted every 12 days to permit cleaning; 2) Washing with feed water introduced into the steam-blast system at a pressure of 22 atm (gauge), this is done once every shift and requires 8-10 minutes; the operation of the RB is interrupted every 30-35 days to permit cleaning; 3) Washing with industrial water introduced

Card 1/2

into the stem-blast system under a pressure of 10-12 atm (gauge), 4) Steam-blasting. The above methods of cleaning the heating

137-1957-12-23268

The Removal of Charge Dust From the Heat. Surf. of the Recov. Boilers

surface: exhibit the following inadequacies: 1) in a system with many closely spaced pipes stationary steam-blowing is inefficient because only small areas in the vicinity of the jets are cleaned thoroughly; 2) water washing does not reach the more remote piping areas in sufficient amounts to wash off the dust completely; the dust also adheres to certain sections of the pipes; when a boiler which has been disconnected from the gas line is washed with coll water, rolled joints .may fail. One metallurgical plant en ploys an effective method of cleaning the RB's by spraying ther with water throughout the cross-section. Thus the water, supplied in considerable amounts, washes the boiler tubes simultar eously throughout the entire height of the RB. This method equires 5 minutes and utilizes industrial water (75-86 t/hr) at a pressure of 2-3 atm (gauge) and a temperature of 12-350. The system of spray washing made possible: 1) to eliminate fully interruptions in the operation of the boilers due to the cleaning of the heating surfaces, to extend the run of the RB to equal the run of the furnace, to clean the boiler without having to disconnect it; 2) to increase the amount of heat utilized by the RB by 5-10 percent and to increase the output of the RB by 30-45 percent. 1. Boilers-Maintenance

Card 2/2

Ye. N.

137-58-4-6646

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 4, p 47 (USSR)

AUTHOR: Oleynik, Ye.D.

TITLE: Raising the Degree of Purification of Blast-furnace Gas by Dis-

integrators (Povysheniye stepeni ochistki domennogo gaza dezin-

tegratorami)

PERIODICAL: 5b. statey po energetike. Moscow, Metallurgizdat, 1957,

pp 151-164

ABSTRACT: The theoretical principles of the wet-cleaning of gas are em-

pleyed to demonstrate the need for increasing the peripheral ve ocity of the squirrel cage of the disintegrator to improve cleaning. The results of work done to improve the disintegrator; at the im. Dzerzhinskiy Plant after installation of a fifth stage of squirrel-cage devices and reconstruction of the fan values are presented. The dust content of the gas dropped from 20 to 6-10 mg/m<sup>3</sup>; the output rose by 25-30% with simultaneous reluction of power consumption by 15-20%. The importance of adjering to a number of requirements in planning an effective procedure to ensure a high level of gas purification is noted.

Card 1/1

G.Ch.

1. Blast furnaces--Operation 2. Gas--Purification 3. Disintergration--Processes--Applications

OLEYNIK, YOD.

137-1958-3-4782

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 3, p 46 (USSP)

Oleynik, Ye. D., Pogorelyy, V. P.

The Employment of Flue Gases in the Recarbonization of Water AUTHORS: TITLE:

I sed in Cooling Various Portions of Metallurgical Apparatus (Rekarbonizatsiya dymovymi gazami vody, idushchey na (khlazhdayemyye elementy metallurgicheskikh aggregatov)

Sb. statey po energetike. Moscow, Metallurgizdat, 1957. PERIODICAL

pp 246-260

In 1951, particularly in the months of November and December when the hardness of the Dnepr water was significantly increased. ABSTRACT:

the Dzerzhinsky metallurgical plant in Dneprodzerzhinsk suffered large-scale breakdowns of water-cooled components of blast furnaces, such as casings, footstep girders, and caissons effect of the increased water hardness was also felt in the operation of sliding pipes of the rolling furnaces. Prompted by the massive nature of the burn-outs in the plant's heat-exchangers, the plant adopted a procedure of determining regularly the pH value and the CO2 content of the water. Thus, for example,

in December of 1951, the content of free CO2 amounted to Card 1/2

137-1958-3-4782

The Employment of Flue Gases in the Recarbonization of Water (cont.)

i...2 mg/liter, the temporary hardness being 3.9-4.2 mg-equivi,/liter, at a pH of 8-8.4. Attempts to eliminate the deposition
of carbonates by simultaneously reducing the temperature of
vater and increasing its discharge rate failed to give satisfactory
results. Then, in a radical step, it was decided to recarbonize
all water entering the plant by utilizing flue gases (FG); to this
and a special installation was constructed and set into operation.
The FG, taken from the multicyclone of the boiler, were passed
through a scrubber (for purposes of cooling and purification)
tO2 content was maintained in the 10-12 mg/liter range, at a
pH of 7.0-8.0. At a flow rate of 1500-1700 m<sup>3</sup>/hr it was
sufficient to supply 3000-3500 m<sup>3</sup> of FG containing 18 percent
to 22 percent of CO<sub>2</sub>.

AM.

Card 2/2

NAGORNYKH, M.O., uchitel'; OLEYNIK, Ye.I., agronom (Odesskaya oblast', Starolazatskiy rayon, s. Semenovka.

Experiment in growing perennial feed grasses. Biol. v shkole no. 1:49-50 Ja-F '61. (Grasses)

# "APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001238010015-0

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	<b>,</b>	'Daily dollador Covenchantys po wychislital'acy materalis i primocentys syndaty vychislital'acy tekniki (Dillines of Reports of the Conference On Computational Mathematics and the Use of Computer Techniques) Baks, 1978, 6) p. Aco copies -riskel.	
		Additional Sponsoring Agencies: Abademiya nauk SSUE. Vychislitel'nyy teentr, and Abademiya nauk SUUR. Institut evicratiki i telemekaniki.	
		To contributors mentioned.	
	i	PURPOR: This book is inharded for pure and applied mathematicians, extantists, engineers and actentific workers, whose word involves computation and the new or digital and analog electronic computers.	
		COMPACE: This book ecotains suggested of reports make at the Comparence on Computational Pathonatics and the Application of Computer Techniques. The book is divided into two main parts. The first part is devoted to	•
		computational estimatation and contains 19 summaries of reports. The mesons senting is despited to computing technique; and contains 20 summaries of reports. So personalities are mentioned. So references are given	
	İ	Alesterov, S.A. Inthensical Description of Trublest Processes in Mcalinear Electromagnetic Systems	
		Entishtili, I.P. The Almana-Mitchell Problem for a Dean Formal By Two Concentric Circular Cylinders of Tarious Amberials 12	1
	1	Marmaina, L.J. The Sork of the Nathematical Tables Branch of the Computing Center at the Academy of Sciences, UESD 13	
		Onesnow, A.M. Salution of the Fundamental Problem of the Filtration of Cas-containing Petrolem by Salauniton Nethods	
		Tyrabov, A.F., and V.M. Eurochkin. Aphematic Programming, the Contemporary State, Fundamental Problems 15	1
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		Williamons, T.M., and A.F., Terahov, K. V. Kin, V.M. Rurochila, Ta. A. Lispala-Drod, and W. D. Dodderyngin. Computer Programming Modeline for the "Strale" Computer (793)	
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1) A Manuscher at the World of
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CLEYNIK, hurly Aleksandrovich; CHERENIN, V.P., otv.red.; YAKOVKIN, M.V., red.; POPOVA, N.S., tekhn.red.

[Solution of transportation problems on an electronic computer b; approximation with relatively optimum plans] Reshenie zadachi o transportirovke na elektronnoi vychislitel noi mashine metodom priblizhenia uslovno-optimal nymi planami. Moskva, Vychislitel nyi tentr AN SSSR, 1960. 32 p. (MIRA 13:12) (Electronic calculating machines) (Transportation)

# OLEYNIK, Yu. A.

"Solution With the Aid of an Electronic Computer of the Problem of Constructing an Optimum Transportation Plan"

presented at the All-Union Conference on Computational Mathematics and Computational Techniques, Moscow, 16-28 November 1961

So: Problem kibernetiki, Issue 5, 1961, pp 289-294

NESTEROV, Yevgeniy Pavlovich; OLEYNIK, Yu.A., retsenzent; PREDE, V.Yu., inzh., red.; USENKO, L.A., tekhm. red.

[Transportation problems in linear programming] Transportnye zadachi lineinogo programmirovaniia. Moskva, Transzheldorizdat, 1952. 169 p. (MIRA 15:7) (Linear programming) (Transportation)

ZAKHAROV. V.V.; OLEYHIK, Yu.M.

Blocking out chambers at the Tashtagol mine with use of fan-cut and rod boring. Trudy Inst.gor.dela.Sib.otd.AN SSSR no.1:134-137 -- 158. (MIRA 12:11)

(Tashtagol region (Gornaya Shoriya)--Mining engineering)

TREGUEDY, B.G., gornyy inzh.; KOWALENKO, V.A., gornyy inzh.; OLEYNIK, Yu.M., gornyy inzh.; MINAYEV, A.G., gornyy inzh.

Reply to A.I.Churakov's article "Upraise mining by means of Sectional blasting of deep holes in mines of the Kursk Magnetic Anomaly." Gor. zhur. no.9:78-79 S '62. (MIRA 15:9)

1. Institut gornogo dela Sibirskogo otdeleniya AN SSSR (for Tregubòv). 2. Gornoye upravleniye Kuznetskogo metallurgicheskogo kombinata (for Kovalenko). 3. Rudnik "Tashtagol" (for Oleynik). 4. Rudnik "Temir-Tau" (for Minayev).

(Kursk-magnetic anomaly--Mining engineering)
(Blasting)

**一种工作的企业的企业的企业的企业。** 

# OLIYNIK, Yu. P.

Adjustment of remote control devices. Blek. 1 tepl. tiags 6 no.9:17-19 S '62. (MIRA 15:10)

1. Starshiy elektromekhanik Belgorodskogo uchastka energosnabsheniya Yuzhnoy dorogi.

(Remote control—Equipment and supplies)
(Railroads—Electronic Apuipment)

OLE, NIK-OVOD, FU.A.

32903

S/194/61/000/011/016/070 D209/D302

9,7100

AUTHOR 3:

Velikanova, T.M., Yershov, A.P., Kim, K.V., Kuroch-kin, V.M., Oleynik-Ovod, Yu.A. and Podderyugin, V.D.

TITLE: Programming program for machines

PERIOI ICAL:

Referativnyy zhurnal. Avtomatika i radioelektronika, no. 11, 1961, 3, abstract 11 B14 (Tr. Vses. soveshchaniya po vychisl. matem i primeneniyu sredstv vychisl. tekhn., Baku, AN AzerbSSR, 1961, 81-93)

TEXT: It is shown that in 1957 in the Computing Center of the Academy of Sciences of the USSR, work on forming the system program ing program (SPP) was completed. By using SPP the need for formulating programs of actual problems is avoided and this process formulating programs of actual problems is avoided and this process is replaced by the process of compiling the information for SPP concerning the problem being solved. In working out the method of process viding information about the problem for SPP the following points viding information about the problem for SPP the best approximation of were observed: a) If possible, to provide the best approximation of

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32903 S/194/61/000/011/016/070 D209/D302

Programming program for machines

the information to mathematical formulation of problems (i.e. to calculated formulae); b) reduction of the volume of auxiliary and purely technical work connected, as a rule, with the mathematical formulation of the problem and with the specific character of work on universal computing machines; c) that from the information one could see more or less accurately the structure of the completed program; d) reduction of volume of total information in order to make it more descriptive and easily surveyed. The information for SPP consists of five parts: 1) Program scheme - basic part of the information; 2) operators (0); 3) information about magnitudes; 4) information about memory blocks; 5) blocks. Except for the program scheme all the remaining parts of the information do not have to be given in an actual problem. The whole terminology used in this paper is explained. The program scheme is given. It is shown that the scheme can include 0's of the following types: 1) Arithmetical 0's; 2) restoration 0's; 3) non-standard 0's; 4) re-addressing 0's; 5) double counting 0's. Each operator in the scheme is represented by a letter giving the type of the O followed by the

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S/194/61/000/011/016/070 D209/D302

Programming program for machines

information about the given 0. The arithmetical 0's and certain non-standard 0's of special form are the exceptions. The popularity of the program scheme, the nearness of its form to the form of the mathematical formulation of the problem are obtained basically by a specific solution of the registration of mathematical formulae in arithmetical 0 and preservation in the program scheme. Examined in detail is an arithmetical 0 which realizes a single calculation to a certain sequence of formulas of the type  $F(x_1, x_2, \dots x_n) = y$ , where the symbol = ">" indicates that y is a result of calculation according to the formula F. Further on, logical 0's non-standard 0's, cycles, re-addressing 0's, restoration 0's and double counting 0's are examined. Finally, an example of integration of a parabolic equation of the type

$$\frac{2z}{2t} = 0.75 \sqrt{x(1-x)(t^2x^2+2)} \frac{3^2z}{2x^2},$$

$$z(x_10) = 0; \quad z(0,t) = 0; \quad z(1,t) = t$$

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Programming program for machines

up to the moment when t = T is given. One of the possible calculated formulas is shown. Information is provided about the block and the program scheme. Abstracter's note: Complete translation

( Carc. 4/4

13169-66 EWT(d)/EWT(m)/T/EWP(1) IJP(c) AC : NR: AP6001204 SOURCE CODE: UR/0378/65/000/005/0066/008 At THOR: Oleynik-Ovod, Yu. A. (Deputy director); Klepper, L. Ya. (Senior engineer) Of G: Oleynik-Ovod ] Central Institute of Economics and Mathematics, "Tsentral nyy ek nomiko-matematicheskiy institut AN SSSR); [Klepper J Institute of Medical Radiology Ot ainsk (Institut meditsinskoy radiologii) 164455 TIPLE: Use of linear programming methods to select optimum conditions for irradiation of mi lignant neoplasms in remote radiation therapy SO JRCE: Kibernetika, no. 5, 1965, 66-87 TC PIC TAGS: computer application, computer programming, linear programming, iri adiation, tumor, neoplasm, nodio biology AFSTRACT: The authors discuss some problems associated with the use of linear programming methods in the selection of optimum conditions for radiation treatment of malignant neoplisms. Conditions for optimum dosage distribution in the organism being irradiated are ms thematically analyzed. A program was set up on the BESM-2 computer for calculating the dosage distribution in homogeneous and heterogeneous media, determining the dosage at control points in the medium being irradiated, and determining the total absorbed dosage am the integral radiation energy both in the separate organs and tissues of the cross section being considered, and through the entire cross section of the organism being treated. The program may also be used for analysis of information on dosage distribution and for preparing Care UDC: 519.82:61

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A(C NR: AP6001204

this information to solve the problem of selecting optimum radiation conditions. Data from the solution of this problem are tabulated and given graphically. A comparison of these data in heterogeneous and homogeneous media indicates that the total duration of irradiation in all directions for a heterogeneous medium is much shorter than for a homogeneous medium. The resultant data may be used for determining the optimum directions for irradiation, the most effective radiation sources and skin focal lengths for each radiation direction, and also the duration of irradiation for the selected optimum directions. It is found that there may be considerable change in the optimum irradiation conditions when Co-60 \gamma-radiation is used for treatment of esophageal cancer if the heterogeneity of the medium is taken into consideration when there is considerable pulmonary substance. The number of optimum directions for it is irradiation may vary from 3 to 8, depending on the medium. A little more than an hour is irradiation may vary from 3 to 8, depending on the medium. In conclusion, the authors thank needed for solution of the problem on the BESM-2 computer. In conclusion, the authors thank Doctor of medical sciences A. S. Pavlov for valuable advice and consultation on this work.

SUB CODE: 06,09 / SUBM DATE: 21Feb65 / ORIG REF: 006 / OTH REF: 002

Card 2/2

RULENOV, K.K., inzh.; ZORIN, M.I., inzh.-meliorator; DASHKOVSKAYA, L.T., rybovod; GUDYM, L.M.; KONOVALOV, D.N., rybovod; KOTIKOV, A.P., inzh.; ROZHKOV, N., red.; FRIKEOD'KO, S., red.; OLEYNIKOV, A., red.; ZLOBIN, M., tekhn. red.

[Fishery resources of Kazakhstan; a manual for fishermen] Rybnye bogatstva Kazakhstana; spravochnik rybaka. Alma-Ata, Kazgosizdat, 1963. 262 p. (MIRA 17:2)

1. Glavnyy spetsialist otdela pishchevoy promyshlennosti Gosudarstvennogo Komiteta Soveta Ministrov Kazakhskoy SSR po koordinatsii nauchnykh i tekhnicheskikh rabot (for Gudym).

OLITSKIY, G.; OLEYNIKOV, A., red.

[Standard method of accounting for expenditures in construction and assembling operations; practices of the Alma-Ata Housing Combine] Normativnyi uchet v stroitel'no-montazhnom proizvodstve; iz opyta Alma-Atinskogo domostroitel'nogo kombinata. Alma-Ata, Kazgosizdat, 1964. 70 p. (MIRA 17:8)

### "APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001238010015-0

KHONYACHKOVA, T., inzh.-ekonomist; OLEYNIKOV, A., red.

The second secon

[Serving again] Snova na sluzhœ. Alma-Ata, Kazakh-skoe gos. izd-vo, 1964. 44 p. (MIRA 18:9)

ODSTRIKOV, A.N.

Find of fauna in effusive-sedimentary sediments in the Buti region (eastern Transbaikalia). Trusy VSG-2 80:205-123 463 (MIRA 17:7)

#### "APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001238010015-0

DEVYATKOV, A.G.; KOGAN, Sh.M.; LIFSHITS, T.M.; QLEYNIKOV, A.Ya.

A CONTRACT PROPERTY OF THE PERSON OF THE PER

Electroconductivity of n-type indium antimonide at low temperatures. Fiz. tver. tela 6 no.6:1657-1663 Je '64. (MIRA 17:9)

1. Institut radiotekhniki i elektroniki AN SSSR, Moskva.

ACCESSION NR: AP4039650

5/0181/64/006/006/1657/1663

AUTHOR: Devyatkov, A. G.; Kogan, Sh. M.; Lifshits, T. M.; Oleynikov, A. Ya.

TITLE: Conductivity of n-type indium antimonide at low temperatures

SOURCE: Fizika tverdogo tela, v. 6, no. 6, 1964, 1657-1663

TOPIC TAGS: n type indiam antimonide, volt ampere characteristic nonlinearity, field dependent conductivity, temperature dependent conductivity, nonlinear cemperature dependence

ABSTRACT: The nonlines ity of n-type InSb volt-ampere characteristics at low temperatures and its dependence on field, temperature, and concentration are d'scussed. Measurements were made at about 1.5—15K on specimens with dimensions of 10 x 1.5 x 1 mm and electron concentrations of 1.8 x 10<sup>13</sup> to 1.5 x 10<sup>15</sup> cm<sup>-3</sup> in a field range of 0.02 to 0.3 v/cm. The results of the investigation have shown that:

1) conductivity g increases with temperature, while nonlinearity

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ACCESSION NR: AP4039650

1. 1.

considerably decreases both with an increase in carrier concentration and with an increase in specimen temperature; 2) in all cases, the dependence of o on lattice temperature To is markedly weaker than T3/2; 3) at low temperatures specimens with high electron concentrations showed a saturation of  $\sigma(T_0)$ , which is apparently caused by the degeneration of the electron gas; 4) at a denor concentration of  $10^{14}$  cm<sup>-3</sup> and a carrier concentration of  $1 \times 10^{14}$  cm<sup>-3</sup>, the coefficient of nonlinearity  $\beta(E)$ , where E is the field intensity, first increases as the field increases, reaches a maximum, and then decreases. In the region of the low fields, B increases with an increase in lattice temperature, and decreases in the region of the maximum and of higher fields, so that at high  $T_0$ , function  $\beta(E)$  declines monotonically with the field. The authors explain the field and temperature dependences of  $\sigma$  and  $\beta$  by the fact that electron pulse dispersion occurs on the charged impurity, while energy dispersion occurs on the deformed and piezoelectric potential of Orig. art. has: 6 figures and 7 formulas. acoustic phonons.

Card 2/3

# "APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001238010015-0

ACCESSION NR: AP4039650

ASSOCIATION: Institut radiotekhniki i elektroniki AN SSSR, Moscow

(Institute of Radio Engineering and Electronics, AN SSSR)

SUBMITTED: 16Dac63 DATE ACQ: 19Jun64

ENCL: 00

SUB CODE: EN. PH

NO REF SOV: 003

OTHER: 004

Cord 3/3

#### "APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001238010015-0

ACCESSION NR: AP4041710

5/0181/64/006/007/2064/2071

AUTHORS: Nad', F. Ya.; Oleynikov, A. Ya.

TITLE: Photoconductivity of n-type indium antimonide in the long wave region of the spectrum

SOURCE: Fizika tverdogo tela, v. 6, no. 7, 1964, 2064-2071.

TOPIC TAGS: photoconductivity, indium antimonide, electron conductivity, Hall constant, Hall effect, ionization energy, photoeffect

ABSTRACT: In order to ascertain which of two possible photoconductivity mechanisms predominates under various conditions, the authors investigated the relative contribution of extrinsic photoconductivity and the photoconductivity connected with heating of the carriers by the radiation, to the photosensitivity of n-type InSb at millimeter wavelengths and helium temperatures. The dependence of the Hall constant on the temperature and on the magnetic field was

Cord 1/3

ACCESSION NR: AP4041710

The ionization energy of shallow impurities in n-InSb measured. and its dependence on the magnetic field were determined. The investigation showed that in specimens where the uncompensated donor density is lower than  $10^{15}$  cm<sup>-3</sup> the application of a magnetic field increases the photosensitivity appreciably, owing to the increased contribution of the extrinsic photoconductivity. The Hall-effect measurements yielded a value  $10^{-3}$ - $10^{-4}$  eV for the ionization energy, which is found to depend on the magnetic field. The Hall-effect measurements were well confirmed in the investigation of the photoelectric properties. Variation of the magnetic field makes it possible to shift the "red edge" of the photoeffect. The effect of the concentration of the uncompensated donors on the photoresistivity in the long wave region is briefly discussed. "The authors are grateful to T. M. Lifshits and Sh. M. Kogan for valuable discussions and continuous interest." Orig. art. has: 6 figures, 2 formulas, and 2 tables.

Card: 2/3

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EWT(1)/EWT(m)/EWP(t)/EWP(b)/EWA(m)-2 LJP(c) ACC NRI AP6000739 SOURCE CODE: UR/0386/65/002/009/0423/0426 AUTHOR: Lifshits, T. M.; Oleynikov, A. Ya.; Shul'man, A. Ya. ORG: Institute of Radio Engineering and Electroncis, Academy of Sciences, SSSR (In stitut radiotekhniki i elektroniki Akademii nauk SSSR) 21, 44,53 TITIE: Scattering of electron gas energy in n-InSb at helium temperatures SOURCE: Zhurnal eksperimental noy i teoreticheskoy fiziki. Pis'ma v redaktsiyu. Prilozheniye, v. 2, no. 9, 1965, 423-426 TOPIC TAGS: indium alloy, electron collision, electric conductivity, relaxation process, temperature dependence, electron jar, crystal lettice ABSTRACT: To study the energy scattering mechanisms in InSb, the authors investigated the field and temperature dependences of the time of electric conductivity relaxation of n-InSb samples, which is simultaneously the time required to transfer the eacess average energy from the electron gas to the crystal lattice. The tests consisted of measuring the active and reactive components of the complex admittance of a sample with nonlinear voltage-current characteristic, and calculating from these components the relaxation time 7 of the average energy for each value of the lattice temperature and of the power dissipated in the sample. It is noted that the electricconductivity relaxation time depends on the circuit parameters and on the manner in which the sample is connected in the circuit, this being the consequence of the pump action of the battery. To compare the obtained data with theory, the authors used Card 1/2

L 11951-66 ACC NR: AP6000739 the results of a calculation of the electron energy loss function P(T) for scattering by the piezoelectric and deformation potentials of the acoustic phonons and by the optical phonons, obtained by Sh. M. Kogan (FIT v. 4, 2474, 1962) and H. Frohlich and B. V. Paranjape (Proc. Phys. Soc. v. B69, 21, 1956), respectively. Comparison of the experimental and theoretical curves leads to the conclusion that the nonmonotonic dependence of  $\tau_p$  on T is connected with the interchange of mechanisms for the transfer of energy to the lattice from the electron gas when the temperature of the latter increases. When T < 8K, energy scattering by the piezoelectric potential of the acoustic phonons predominates. At electron temperatures T > 10K, the agreement between theory and experiment is only qualitative. Authors are grateful to Sh. M. Kogan for a valuable discussion. Orig. art. has: 1 figure and 1 formula. OTH REF: 002 ORIG REF: 003/ SUBM DATE: 08sep65/ SUB CODE: 20/

LIFSHITS, T.M.; OLEYNIKOV, A.Ya.; SHUL'MAN, A.Ya.

Scattering of the energy of an electron gas in n-InSb at helium temperatures. Pist. v red. Zhur. eksper. i teoret. fiz. 2 no.9: 423-426 N 165. (MIRA 18:12)

1. Institut radiotekhniki i elektroniki AN SSSR. Submitted September 8, 1965.

### OLEYNIKOV, B.V.

New find of monticellite marbles in the Siberian Platform. Zap. Vses. min, ob-va 89 no.3:359-361 '60'. (MIRA 13:8)

l. Sibirskiy nauchno-issledovatel'skiy institut geologii, geofiziki i mineral'nogo syr'ya, Novosibirsk.

(Siberian Platform--Marble)

OLEYNIKOV, B.V.; SHARAPOV, V.N.

Trappean volcanism in the western Siberian Platform. Geol. 1 geofiz. no.6:51-60 '61. (MIRA 14:7)

1. Institut geologii i geofiziki Sibirskogo otdeleniya AN SSSR, Novosibirsk.
(Siberian Platform--Rocks, Igneous)

Pyroxenite from the lower Kureyka River. Geol.i geofiz. 4:129131 '62. (MRA 15:8)

1. Sibirskiy nauchno-issledovatel'skiy institut geologii,
geofiziki i mineral'nogo syr'ya, Novosibirsk.

(Kureyka Valley- Pyroxenite)

OLEYNIKOV, B.V.

Making models of mines from plexiglas. Gor. zhur. no.3:52-53 Mr 163.

(MIRA 16:4)

1. Glavnyy marksheyder kombinata Baleyzoloto.

ZOLOTUKHIN, V.V.; OLEYNIKOV, B.V.

The American section of the Con-

Acidic hybrid rocks from the Gorbiachin Valley (Siberian Platform). Trudy Inst.geol.i geofiz.Sib.otd.AN SSSR no.15:80-106 '63.

(MIRA 17:4)

OLEYNIKOV, B.V.; SHVARTSEV, S.L.; MANDRIKOVA, N.T.; OLEYNIKOVA, N.N.

The second secon

Nickel hexahydrite, a new mineral. Zap. Vses.min.ob-va 94 no.5 534-547 '65. (MIRA 18:11)

1. Sibirskiy nauchno-issledovatel'skiy institut geologii, geofiziki i mineral'nogo syr'ya, Novosibirsk.

OLEYNIKOV, F.G.; KITAYEV, I.P.

Table with built-in ventilation system for processing sulfited fruit.

Kons. 1 ov. prem. 12 no.4:23-24 Ap '57. (MIRA 10:6)

1. Rostovskiy konservnyy zavod "Smychka".

(Fruit--Preservation) (Cenning industry--Equipment and supplies)

(Ventilation)

Cherry jam production line. Kons.i ov.pron. 12 no.5:5-6 Ky '57. (MIRA 10:8)
1. Rostovskiy konservnyy zavod "Smychka." (Jam)

THE RESERVOIR DEPARTMENT

OLEYPIKOY, F.G.; CHERNYY, N.A.

Stamping attachment for the labeling machine produced by the Odensa machine manufacturing plant. Kons.i ov.prom. 12 no.9:23-24 S '57.

(MIRA 10:10)

1. Rostovskiy konservnyy zavod "Smychka." (Labeling machines)

OLEYNIKOV, F.G.

Apparatus for vulcanization of automobile inner tubes. Kons. i
ov. prom. 12 no.11:38 B '57. (MIRA 11:1)

1.Rostovskiy konservnyy zavod "Smychka".
(Automobiles--Tires--Repairing)

	OLEYNIKOV, F.O.
	Mechanical nailing of box tops. Kons.i ev.prom. 14 no.2:22-23 P '59. (MIRA 12:3)
	1. Rostovskiy konservnyy zavod "Smychka." (Packing for shipment)
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#### OLEYNIKOV, F.G.

Work of efficiency prometers of the "Smychka" Canning Factory in Rostov. Kons. i ev. prom. 14 no.3:17-18 Mr '59.

(MIRA 12:3)

1.Rostovskiy konsernyy zaved "Smychka."
(Rostov-on-Don-Canning industry--Equipment and supplies)

OLEYNIKOV, F.O..

Increasing the efficiency of production of cherry preserves
at the "Smychka" canning factory. Mons. 1 ov. pron. 14 no.4:41
Ap '59.

(Rostov-on-Don-Cherry-Preservation)

OLEYNIKOV, F.G.

Wages composite crews based on final results. Kons. i ov. prem. 14 no.7:26-27 Jl '59. (MIRA 12:9)

1. Nauchno-issledovatel'skiy institut tekhnologii mashinostroyeniya Rostovskogo sovnarkhoza. (Canning industry) (Wages and labor productivity)

是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就

OLEYNIKOV, F.G.

Hachine for removing stems from cherries, sweet cherries, and plums. Kons. 1 ov. prom. 14 no.8:5-7 Ag '59. (MIRA 12:9)

l. Nauchno-issledovatel'skiy institut tekhnologii mashinostroyeniya Rostovskogo sovnarkhoza. (Canning industry-Equipment and supplies)

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